



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

CONFIRMATION NO. 4511



Bib Data Sheet

SERIAL NUMBER 09/885,878	FILING DATE 06/20/2001 RULE	CLASS 455	GROUP ART UNIT 2634	ATTORNEY DOCKET NO. T131293
APPLICANTS Anand G. Dabak, Plano, TX; Eko N. Onggosanusi, Dallas, TX; Timothy M. Schmidl, Dallas, TX; Alan Gatherer, Richardson, TX;				
** CONTINUING DATA ***** THIS APPLN CLAIMS BENEFIT OF 60/215,806 07/05/2000				
** FOREIGN APPLICATIONS *****				
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 08/13/2001				
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged _____ Examiner's Signature Initials		STATE OR COUNTRY TX	SHEETS DRAWING 8	TOTAL CLAIMS 59
INDEPENDENT CLAIMS 7				
ADDRESS ROBERT N. ROUNTREE TEXAS INSTRUMENTS INCORPORATED P.O. Box 655474, M/S 3999 DALLAS ,TX 75265				
TITLE Code division multiple access wireless system with time reversed spaced time block transmitter diversity encoding				
FILING FEE RECEIVED 1930	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	

Receipt



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: **Anand G. Dabak, Et al.**

Docket No.: **TI-31293**

Serial No.: **09/885,878**

Examiner: **TBD**

Filed: **06/20/2001**

Art Unit: **2681**

For: **Code Division Multiple Access Wireless System
With Time Reversed Spaced Time Block
Transmitter Diversity Encoding**

Conf. No.: **4511**

RECEIVED

OCT 26 2001

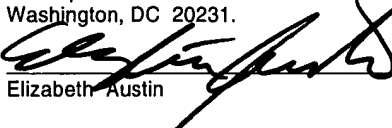
REQUEST CORRECTION TO THE FILING RECEIPT

Technology Center 2600

September 4, 2001

Assistant Commissioner for Patents

Washington, DC 20231

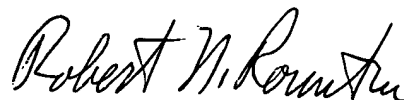
MAILING CERTIFICATE UNDER 37 C.F.R. § 1.8(a)	
I hereby certify that the above correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner For Patents, Washington, DC 20231.	
 Elizabeth Austin	<u>9/4/2001</u> Date

Dear Sir:

An inventor has been omitted on the Filing Receipt for the above-mentioned application. Please add inventor, Alan Gatherer, Richardson, Texas. Enclosed is a copy of the Oath and Declaration that properly shows all inventors. Please include the Attorney Docket No. TI-31293 and attorney name Robert N. Rountree to the filing receipt. For your convenience I have enclosed a copy of the filing receipt with the corrections noted in red.

Applicant respectfully requests that a copy of the corrected filing receipt be provided.

Respectfully submitted,



Robert N. Rountree
Attorney for Applicants
Reg. No. 39,347

Texas Instruments Incorporated
P. O. Box 655474, M/S 3999
Dallas, Texas 75265
(972) 917-4431

RNR



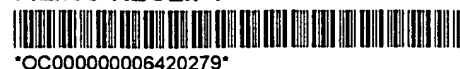
COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/885,878	06/20/2001	2681	1732	<u>T/31293</u>	8	59	7

CONFIRMATION NO. 4511

23494 ROBERT N. ROUNTREE
TEXAS INSTRUMENTS INCORPORATED
P O BOX 655474, M/S 3999
DALLAS, TX 75265

FILING RECEIPT



OC00000006420279

Date Mailed: 08/14/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Anand G. Dabak, Plano, TX;
Eko N. Onggosanusi, Dallas, TX;
Timothy M. Schmidt, Dallas, TX;
Alan Gatherer, Richardson, Texas

RECEIVED

OCT 26 2001

Assignment For Published Patent Application

TEXAS INSTRUMENTS INCORPORATED;

Technology Center 2600

Domestic Priority data as claimed by applicant

THIS APPLN CLAIMS BENEFIT OF 60/215,806 07/05/2000

Foreign Applications

If Required, Foreign Filing License Granted 08/13/2001

Projected Publication Date: 01/10/2002

Non-Publication Request: No

Early Publication Request: No

RECEIVED

AUG 29 2001

BEN KROGER

Title

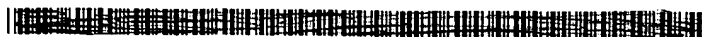
Code division multiple access wireless system with time reversed spaced time block transmitter diversity encoding

Preliminary Class
455

Data entry by : MOHAMED, RIZAHA

Team : OIPE

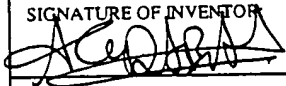
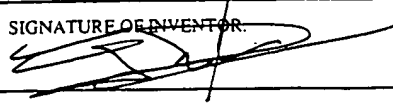
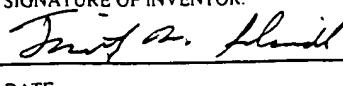
Date: 08/14/2001



APPLICATION FOR UNITED STATES PATENT
DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described in the attached specification; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America; and that I acknowledge my duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, section 1.56;

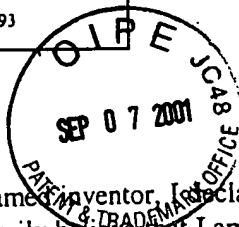
I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

TITLE OF INVENTION: Code Division Multiple Access Wireless System With Time Reversed Space Time Block Transmitter Diversity Encoding		
POWER OF ATTORNEY: I HEREBY APPOINT THE FOLLOWING ATTORNEYS TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH Practitioners at Customer Number: 23494		
SEND CORRESPONDENCE TO: Robert N. Rountree, Esq. Texas Instruments Incorporated P. O. Box 655474, MS 3999 Dallas, Texas 75265		DIRECT TELEPHONE CALLS TO: Robert N. Rountree, Esq. Phone Number: (972) 917-4431 Fax Number: (972) 917-4418
NAME OF INVENTOR: (1) Anand G. Dabak	NAME OF INVENTOR: (2) Eko N. Onggosanusi	NAME OF INVENTOR: (3) Timothy M. Schmidl
RESIDENCE & POST OFFICE ADDRESS: 8625 Kendall Drive Collin County Plano, Texas 75025	RESIDENCE & POST OFFICE ADDRESS: 5636 Spring Valley Rd. apt. 18-A Dallas, TX 75240	RESIDENCE & POST OFFICE ADDRESS: 900 Vantage Point No. 737 Dallas County Dallas, Texas 75243
COUNTRY OF CITIZENSHIP: United States of America	COUNTRY OF CITIZENSHIP: Indonesia	COUNTRY OF CITIZENSHIP: United States of America
SIGNATURE OF INVENTOR: 	SIGNATURE OF INVENTOR: 	SIGNATURE OF INVENTOR: 
DATE: June 7, 2001	DATE: June 7, 2001	DATE: June 7, 2001

RECEIVED
OCT 26 2001
Technology Center 2600

ATTORNEY'S DOCKET NO.

TI-31293



APPLICATION FOR UNITED STATES PATENT
DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described in the attached specification; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America; and that I acknowledge my duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, section 1.56;

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

TITLE OF INVENTION: Code Division Multiple Access Wireless System With Time Reversed Space Time Block Transmitter Diversity Encoding	
POWER OF ATTORNEY: I HEREBY APPOINT THE FOLLOWING ATTORNEYS TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH Practitioners at Customer Number: 23494	
SEND CORRESPONDENCE TO: Robert N. Rountree, Esq. Texas Instruments Incorporated P. O. Box 655474, MS 3999 Dallas, Texas 75265	DIRECT TELEPHONE CALLS TO: Robert N. Rountree, Esq. Phone Number: (972) 917-4431 Fax Number: (972) 917-4418
NAME OF INVENTOR: Alan Gatherer	
RESIDENCE & POST OFFICE ADDRESS: 2105 Bluebonnet Drive, Richardson, Collin County, Texas 75082	
COUNTRY OF CITIZENSHIP: United Kingdom	
SIGNATURE OF INVENTOR: <i>Alan Gatherer</i>	
DATE: <i>7th JUNE 01</i>	

RECEIVED
OCT 26 2001
Technology Center 2600